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(71) Applicant (for all designated States except US): **INFRA-
WORKS CORPORATION** [US/US]; 504 Lavaca Street,
Suite 1100, Austin, TX 78701 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FRIEDMAN,**

George [US/US]; 7109 Montana Norte, Austin, TX 78731
(US). **STAREK, Robert, Phillip** [US/US]; 3609 Del
Robles, Austin, TX 78727 (US). **MURDOCK, Carlos**
[US/US]; 4517 Avenue F, Austin, TX 78751 (US).

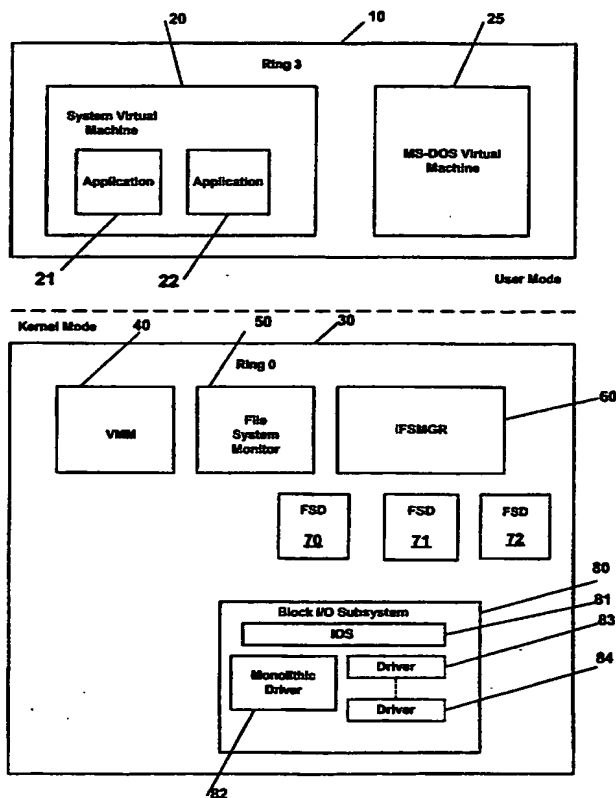
(74) Agent: **SCHNADER HARRISON SEGAL & LEWIS
LLP**; Suite 3600, 1600 Market Street, Philadelphia, PA
19103-7286 (US).

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(54) Title: METHOD AND SYSTEM FOR PROVIDING DATA SECURITY IN A FILE SYSTEM MONITOR WITH STACK POSITIONING



(57) Abstract: A System for providing data security in a first device driver operably installed in a computer operating system having a layered plurality of device drivers (81, 82, 83, 84) for accessing data in a data storage device. The first device driver detects an I/O request, and determines whether the first device driver is functionally uppermost in the layered plurality of device drivers. If the first device driver is functionally uppermost in the layered plurality of device drivers, the method performs the I/O request (80) in the first device driver. If the device driver is not functionally uppermost in the layered plurality of device drivers, the method denies the I/O request in the first device driver, and allows the I/O request to be performed by the next lowest-level driver in the layered plurality of device drivers.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	US 6,044,415 A (FUTRAL et al) 28 March 2000, abstract, column 3 lines 13-41, general disclosure	1-32
A,P	US 5,991,797 A (FUTRAL et al) 23 November 1999, abstract, figure 6, general disclosure	1-32
Y	US 5,613,123 A (TSANG et al) 18 March 1997, abstract, column 2 lines 39-58, column 4 lines 41-67, and column 5 lines 1-30	1-32
Y,P	US 5,978,856 A (JONES) 02 November 1999, abstract, figure 4, figure 6, figure 8, column 3 lines 38-44	1-32

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
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Facsimile No. (703) 305-3230

Authorized officer

JEFFREY SCOT LEANING

Telephone No. (703) 306-5975